DATASHEET
LIFEBOOK® NH751 NOTEBOOK

THE 2ND GENERATION INTEL® CORE™ I7 MOBILE PROCESSOR COUPLED WITH SWITCHABLE NVIDIA® GEFORCE® GT GRAPHICS; DELIVER STELLAR PERFORMANCE AND VISUALLY STUNNING GRAPHICS THAT BOTH GAMERS AND TECHNOLOGY ENTHUSIASTS CRAVE.

The LIFEBOOK NH751 notebook takes portability to a whole new level with its 17.3" High-Resolution LED backlit display. Genuine Windows® 7 Home Premium allows your notebook to transform into an uncompromising mobile media center.

SIGHT AND SOUND

The LIFEBOOK NH751 notebook is encased in a slim 1.3" high-gloss black housing. The high resolution 17.3" HD+ frameless display, combined with an NVIDIA GeForce GT 525M graphics card with 2GB of dedicated graphics, and 8GB of high-speed memory will treat you to unparalleled performance, crisp photos, high-definition video playback, and smooth gaming performance.

With the raw power of theLIFEBOOK NH751, you will forget that your system is actually portable; movies will look fantastic, games will play as they were meant to be played, and you will have ample room to view documents and large Excel® spreadsheets. But if you need an even larger display, the integrated HDMI port lets you watch your notebook content and movies on most large-screen HDTVs. You can also play your home videos, look at the photos from your last adventure, or enjoy the Internet by wirelessly connecting to your television with Intel Wireless Display (WiDi) technology.

DTS Surround Sensation® delivers a three-dimensional surround sound experience through two channels. When coupled with the LIFEBOOK NH751 notebook's advanced speaker system (which includes a sub-woofer), you will be amazed at the sound your notebook can generate.

DESKTOP PERFORMANCE IN A NOTEBOOK

The LIFEBOOK NH751 notebook rivals the performance of most desktop computers. Whether it's HD or gaming, multitasking, or multimedia, the 2nd Generation Quad Core i7 Mobile processor can handle your task with power to spare. Its ground-breaking speed is complemented by Intel® Turbo Boost Technology 2.0, which adapts processor speed for more performance when you need it. The 2nd generation Intel® Core™ i7 processor is the ideal choice for visibly smart performance at its best.

Dazzling imagery that seamlessly moves and responds is made possible with 8 GB of dual channel DDR3 memory and 2 GB of dedicated memory on the switchable NVIDIA GeForce GT graphics processor. NVIDIA's Optimus™ switchable graphics processor delivers optimized performance and battery life. You can surf the web and get great battery life but when you need the extra horsepower for more intense graphics, Optimus automatically switches to the more powerful NVIDIA GPU.

From power-hungry 3D games to video editing, with the LIFEBOOK NH751 notebook, you won't sacrifice power for portability. USB ports aren't what they used to be. One is a combo USB 2.0/eSATA port for lightning fast data transfers. Another has Anytime Charge capability which means you can charge other mobile devices (i.e. your cell phone) by simply turning on the feature (on by default) and attaching the device to the port, whether your system is turned or not.

ULTIMATE IN FLEXIBLE CONNECTIVITY

With the high-speed Gigabit Ethernet built in, it is a very simple procedure to connect to your office network or the Internet for the ultimate mobile experience. The Intel® Centrino® Advanced-N 6205 (AGN) provides an excellent way to conveniently stay in touch. It easily connects to Wi-Fi spots in airports, cafes, or college campuses.

Integrated Bluetooth allows wireless connectivity to other Bluetooth-enabled devices such as Bluetooth Mouse and Keyboard. You can also transfer photos for editing or printing, enjoy music with wireless headsets or wireless Bluetooth speakers and more.

The built in digital microphone and 1.3 mega-pixel webcam add a new and interesting dimension in staying in touch with family and friends.

- POWERED BY 2ND GENERATION INTEL® QUAD CORE™ I7 PROCESSOR
- OFFERED WITH GENUINE WINDOWS® 7 HOME PREMIUM OPERATING SYSTEM
- STELLAR GRAPHICS PERFORMANCE WITH THE NVIDIA® GEFORCE® GT 525M SUPPORTING OPTIMUS™ TECHNOLOGY AND 2 GB DEDICATED GRAPHICS MEMORY
- DTS SURROUND SENSATION®–DELIVERING A THREE-DIMENSIONAL SURROUND SOUND EXPERIENCE
- EXCELLENT AUDIO WITH TWO INTEGRATED BOX SPEAKERS, TWO TWEETERS AND A SUB-WOOFER
- WIRELESSLY CONNECT TO A TV TO ENJOY HOME MOVIES, PHOTOS, OR INTERNET WEBSITES WITH INTEL® WIRELESS DISPLAY (WIDI), (SOME TVS REQUIRE AN ADAPTER)
- GREAT FLEXIBILITY WITH ANYTIME USB CHARGE PORT, HDMI PORT, AND COMBO USB 2.0/ESATA PORT

TECHNICAL DETAILS

SOFTWARE

OPERATING SYSTEMS: Genuine Windows® 7 Home Premium (Service Pack 1, 64-bit)

SOFTWARE: Microsoft® Office Starter 2010 (SP1)1, Adobe Reader®, Fujitsu Driver Update utility, Roxio® Creator LJ, Symantec® Norton Internet Security 2012 (60-day free trial)[2], Google Toolbar, CyberLink MakeDisc, CyberLink PowerDirector, CyberLink PowerDVD, CyberLink YouCam, DTS® Surround Sensation Ultra PC, Microsoft® Office Activation Assistant, Microsoft® Windows® Live Essentials, Microsoft® Silverlight

KEY SPECIFICATIONS

(Listed specifications are for the current model only and not for earlier models or revisions to this product.)

PROCESSOR: 2nd Generation Intel® Core™ i7-2670QM (Quad Core) Processor (2.2GHz, 6 MB L3 cache, 1333 MHz FSB) up to 3.1 GHz with Intel® Turbo Boost Technology

CHIPSET: Intel® HM65 Express

MEMORY: Two DIMM slots; 8 GB (4 GB + 4GB); DDR3 1333 MHz, dual-channel. (8 GB Max).

DISPLAY

LCD	17.3" HD+ Crystal View LED backlit LCD display (220 nits): Video NVIDIA® GeForce® GT 525M supports Optimus™ Technology
Controller	With 2 GB of dedicated graphics memory
Resolution	Main Internal: 1,600 x 900 pixel resolution, 16M colors max. External Monitor: 1,900 x 1,200 pixel resolution, 16M colors max. External HDMI: 1,920 x 1,080 pixel resolution, 16M colors max. Simultaneous: 1,600 x 900 pixel resolution, 16M colors max.

WEBCAM: Integrated 1.3 mega-pixel with digital microphone

HARD DRIVE[3]: 750 GB capacity, Serial-ATA, 5400 rpm

OPTICAL DRIVE: Blu-ray™ Combo Drive: Write: 8x DVD-R (SL), 8x DVD+R (SL), 6x DVD-R (DL), 6x DVD+R (DL), 6x DVD-RW, 8x DVD+RW, 5x DVD-RAM, 24x CD-R, 6x CD-RW (US, US+) Read: 6x BD-ROM (SL/DL), 6x BD-R (SL/DL), 6x BD-RE (SL/DL), 8x DVD-ROM (SL/DL), 8x DVD-R (SL/DL), 8x DVD+R (SL/DL), 8x DVD-RW, 8x DVD+RW, 5x DVD-RAM, 24x CD-ROM, 24x CD-R, 24x CD-RW, 4x DVD-Video

AUDIO: Realtek® ALC269VA HD audio; Stereo headphone jack / SPDIF out; Stereo microphone jack; Built in stereo speakers: two std., two tweeters, one sub-woofer. Built-in digital microphone

COMMUNICATION: 10/100/1000 Gigabit Ethernet LAN

WIRELESS COMMUNICATION: Intel® Centrino® Advanced-N 6205 (AGN), Intel® Wireless Display (WiDi); Bluetooth device for wireless personal area network communication

USER INTERFACES: Standard touchpad, 103-key full-size spill-resistant keyboard with separate 10-key keypad, 19 mm key pitch and 1.8 mm key stroke

PORTS: One 15-pin D-SUB connector for VGA external monitor or LCD projector, four USB 2.0 ports (one is a shared USB/eSATA port and one with Anytime USB Charge capability), one HDMI port, one stereo microphone jack, one line in jack, one stereo headphone/SPDIF, one modular LAN (RJ-45) connector (note that this system does not support a modem).

CARD SLOTS: One ExpressCard® slot, one combination Memory Stick®/Secure Digital/Secure Digital High Capacity (MS/SD/SDHC/SDXC) Card slot

SECURITY: Security lock slot

BATTERY[4]: Main 8-cell Lithium ion battery, 14.8V, 5200 mAh, 77 Wh; up to 5 hours of battery life

AC ADAPTER: Autosensing 100-240V AC, 120W, supplying 19V DC, 6.32A

DIMENSIONS/WEIGHT: . 16.14" (w) x 10.63" (d) x .804" / 1.46" (h) with rubber feet; Weight: 8.16 lbs.

OPERATING TEMPERATURE: 41°F to 95°F / 5°C to 35°C (ambient temperature); 20% to 85% relative humidity, non-condensing

NON-OPERATING TEMPERATURE: 5°F to 140°F / -15°C to 60°C; 20% to 80% relative humidity, non-condensing

KEY ACCESSORIES: Additional main battery, Additional AC adapter, Carrying Cases

For a full list of accessories, visit www.shopfujitsu.com or call 1-800-FUJITSU

COMPLIANCE AND SERVICE INFORMATION

COMPLIANCE: FCC Part 15B Class B and FCC Part 15C and FCC Part 15E; IC ICES-003 Class B and RSS-210; UL-cUL Listed CE Marking (Not supported when configured with the LAN module), ENERGY STAR® Qualified

WARRANTY[5]: One - or three-year International Limited Warranty on select corporate configurations; 24/7 technical support; Fujitsu extended service plans available.

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1) Microsoft® Office Starter (SP1) 2010 (32 bit) includes reduced-functionality versions of Word® and Excel® only, with advertising. No PowerPoint® or Outlook®. Purchase Microsoft Office 2010 to activate a full-featured suite.

2) Norton Internet Security 2012. The 60-day trial version is activated upon user's acceptance of software license.

3) One gigabyte (GB) = one billion bytes; accessible capacity will be less and actual capacity depends on the operating environment and formatting. The Hard Drive is partitioned into C and D drives. The C drive consists of a 50 GB partition; the D drive contains the balance of the capacity.

4) Battery life estimates reflect the results of BAPCo MobileMark 2007 Productivity Workloads performed upon systems with battery life setting enabled. Actual battery life will vary based on screen brightness, applications used, features selected, power management settings, battery conditioning, and other customer preferences. DVD/CD-RW, DVD Writer, LAN, wireless LAN or hard drive

usage may also have a significant impact on battery life.

5) Service and warranty turnaround time may vary by country and product. The International warranty is only valid for products purchased in North, Central, and South America.

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